EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	"810437".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 18:09
S3	44	("20020002389"|"20020115939"|"20030055461"|"20030074029"|"4291699"|"4674518"|"5328460"|"5643327"|"5861008"|"5957861"|"6314322"|"6409675"|"6438408"|"6494832"|"6512949"|"6512952"|"6572557"|"6622045"|"6628988"|"6643546"|"6645153"|"6711439").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:38
S4	479	(607/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:38
S5	1572	(607/5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:38
S6	1616	(607/9).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:38
S7	183	(607/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:39
S8	684	((607/17) or (607/18)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:39
S9	142	("607"/$.ccls.) and "diastolic volume"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:57
S10	3	("607"/$.ccls.) and (ventricle with "maximum volume")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:46

S11	518	("607"/$.ccls.) and (ventricle with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:33
S13	50	("20020002389"|"20020115939"|"200 30055461"|"20030074029"|"20040172 080"|"4291699"|"4674518"|"5328460" |"5643327"|"5861008"|"5957861"|"60 70100"|"6314322"|"6409675"|"643840 8"|"6494832"|"6512949"|"6512952"|" 6539261"|"6572557"|"6622045"|"6628 988"|"6643546"|"6645153"|"6711439").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:44
S14	65	(607/24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:45
S15	3	("607"/$.ccls.) and (ventricle$ with "maximum volume")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:46
S16	518	("607"/$.ccls.) and (ventricle$ with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:46
S17	220	"diastolic volume" and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:48
S18	147	"diastolic volume" and impedance and "heart failure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:55
S19	51	("20020188206"|"20030167012"|"200 50203428"|"3340867"|"3340867"|"383 5840"|"3835840"|"4326539"|"4450527 "|"4450527"|"4562843"|"4582843"|"4 807638"|"4905705"|"5025784"|"51098 63"|"5178154"|"5309917"|"5309917"| "5423326"|"5423326"|"5433073"|"557 8291"|"5617869"|"5824029"|"6048319 "|"6647289"|"6648828"|"6652466"|"R E30101").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:52

EAST Search History

S20	2	("6370424").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 19:52
S21	78	"diastolic volume" same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:55
S22	19	"EDV" same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:56
S23	47	(S21 or S22) and "heart failure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:56
S24	2563	(volume same "heart failure")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 19:56
S25	337	S24 and ("diastolic volume" or "EDV" or "EDZ")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:02
S26	56	("3871359" | "4112953" | "4303075" | "4399820" | "4436092" | "4476874" | "4535774" | "4590944" | "4686987" | "4730619" | "4733667" | "4802481" | "4813952" | "4974511" | "4995390" | "5003976" | "5007927" | "5081988" | "5094244" | "5137019" | "5139020" | "5154171" | "5174286" | "5184615" | "5235975" | "5259395" | "5318595" | "5324323" | "5383873" | "5417715" | "5417717" | "5423869" | "5423870" | "5464420" | "5480441" | "5498254" | "5507785" | "5531772" | "5542915" | "5549653" | "5562595" | "5824019").PN. OR ("6314322").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 19:59
S27	229	(("607"/$.ccls.) or ("600"/$.ccls.)) and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:01

EAST Search History

S28	304	S25 and ((ventricular or ventricles or ventricle) with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:02
S29	266	S25 and implant$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:02
S30	99	(("diastolic volume" or "EDV" or "EDZ") with (threshold or compar$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:03
S31	71	(("end-diastolic-volume" or "EDV" or "EDZ") with (threshold or compar$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:03
S32	99	S30 or S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:17
S33	2	administration.ti. and therapy.ti. and physiologic.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:28
S34	99	("3131689" | "3320946" | "3851641" | "3949736" | "4291699" | "4303075" | "4458694" | "4587975").PN. OR ("4674518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 12:28
S35	109	salo-rodney$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:30
S36	80	S35 and volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:29
S37	67	S35 and volume and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:32

S38	52	S35 and volume and impedance and "heart failure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:34
S39	20	S35 and(volume same impedance) and "heart failure" and "ejection"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:35
S40	4	S35 and(volume same impedance) and "heart failure" and "pre-ejection"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 12:35
S41	2	("5174286").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 16:24
S42	33	("3713449" | "4141367" | "4226245" | "4337776" | "4364396" | "4674518" | "4686987" | "4697591" | "4719921" | "4721110" | "4850357" | "4865036" | "4899750" | "4926862" | "5003975" | "5058583").PN. OR ("5174286"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:26
S43	2	("4868987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 16:26
S44	193	(("end diastolic volume" or "end-diastolic-volume" or "end-diastolic volume" or "diastolic volume" or "EDV" or "LVEDV") same ("heart failure" or "CHF" or worsening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:45
S45	226	(("end diastolic volume" or "end-diastolic-volume" or "end-diastolic volume" or "diastolic volume" or "EDV" or "LVEDV") same ("heart failure" or "CHF" or progression or regression or progressing or regressing or worsening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:35
S46	226	S44 or S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:39

S47	1594	(("ventricular ejection fraction" or "ejection fraction" or "EF" or "LVEF") same ("heart failure" or "CHF" or progression or regression or progressing or regressing or worsening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:38
S48	109	("607"/$.ccls.) and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:11
S49	15548	(("ventricular ejection fraction" or "ejection fraction" or "EF" or "LVEF") same volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:38
S50	178	("607"/$.ccls.) and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:47
S51	195	bornzin-gene$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:40
S52	73	park-euljoon$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:40
S53	225	S51 or S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:40
S54	110	S53 and volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:42
S55	47	S53 and (size or dimension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:40

S56	131	S54 or S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:40
S57	2	S53 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:42
S58	2	S53 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:44
S59	19	("2002/0002389").URPN.	USPAT	OR	ON	2007/05/23 16:42
S60	12	("end diastolic volume" or "end-diastolic-volume" or "end-diastolic volume" or "diastolic volume" or "EDV" or "LVEDV") and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:48
S61	932	("607"/$.ccls.) and (chamber with (size or dimension or volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:47
S62	44	("end diastolic volume" or "end-diastolic-volume" or "end-diastolic volume" or "diastolic volume" or "EDV" or "LVEDV") and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 17:46
S63	6	("5154171"|"6070100"|"6278894"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:08
S65	16	("20030018363"|"20040172078"|"20050027320"|"20050209648"|"6070101"|"6360127"|"6473645"|"6542775"|"6885889").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:09
S66	6	S65 and volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:09

S67	156	("607"/$.ccls.) and ((diastole or diastolic) adj3 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:12
S68	69	("607"/$.ccls.) and (("end-diastole" or "end-diastolic") adj3 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:12
S69	141	("607"/$.ccls.) and (("end diastole" or "end diastolic") adj3 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:13
S70	141	S68 or S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:12
S71	156	S68 or S69 or S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:13
S72	480	("600"/$.ccls.) and ((diastole or diastolic) adj3 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:12
S73	164	("600"/$.ccls.) and (("end-diastole" or "end-diastolic") adj3 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:12
S74	341	("600"/$.ccls.) and (("end diastole" or "end diastolic") adj3 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:13
S75	608	S68 or S69 or S67 or S72 or S73 or S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:13
S77	394	S75 and ("heart failure" or "myocardial failure" or "congestive heart failure" or "CHF")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:17

S78	15	S77 and "pre-ejection"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:15
S79	1	S77 and "preejection"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:15
S80	15	S77 and "pre ejection"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:15
S81	15	S78 or S79 or S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:15
S82	36	S75 and ("pre-ejection" or "preejection" or "pre ejection")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 18:18
S83	27	("3773033" | "3831590" | "3841313" | "3908639" | "3920004").PN. OR ("4203451").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 18:18
S84	48	("4303075" | "4928688" | "5501702"). PN. OR ("6070100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:17
S85	103	(607/23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/25 17:41
S86	103	(607/20).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:17
S87	8	("20010012953" | "20010021864" | "20010034540" | "20010049543" | "4686987" | "5154171" | "5720768" | "6070100").PN. OR ("7215996"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:20
S88	39	(S84 or S87) and volume	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:23

S89	7	(S84 or S87) and ((end or diastole or diastolic) adj3 volume)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:54
S90	60	("4674518" | "4686987" | "5036849" | "5190035" | "5235976" | "5501702" | "5540727" | "5836976").PN. OR ("6278894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:52
S91	1406	(600/547).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:52
S92	6	S90 and ((end or diastole or diastolic) adj3 volume)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:41
S93	2	("20030233132").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:53
S94	44	("3593718" | "4009721" | "4114628" | "4140132" | "4228803" | "4291699" | "4399820" | "4543954" | "4686987" | "4708143" | "4733667" | "4773401" | "4856522" | "4895151" | "4899752" | "4925443" | "5003975" | "5025784" | "5109842").PN. OR ("5235976"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:54
S95	5	S94 and ((end or diastole or diastolic) adj3 volume)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 16:55
S96	2	("5,154,171").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:55
S97	1085	(("600"/$.ccls.) or ("607"/$.ccls.)) and ((end or diastole or diastolic) adj3 volume)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 11:58
S98	4023	(("600"/$.ccls.) or ("607"/$.ccls.)) and ((end or diastole or diastolic) with volume)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:42
S99	916	(S97 or S98) and ("heart failure" or "CHF" or "myocardial failure" or "cardiac failure")	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:43
S100	443	S97 and ("heart failure" or "CHF" or "myocardial failure" or "cardiac failure")	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:44

S101	421	S100 and (compar$4 or track$4 or progress$4 or regress$4 or worsen$4 or improv$4 or trend$4 or threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:45
S102	298	S100 and ((compar$4 or track$4 or progress$4 or regress$4 or worsen$4 or improv$4 or trend$4 or threshold) same (failure or "CHF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:45
S103	346	S100 and ((compar$4 or track$4 or progress$4 or regress$4 or worsen$4 or improv$4 or trend$4 or threshold) same (volume or "EDV"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:46
S104	192	S100 and ((compar$4 or track$4 or progress$4 or regress$4 or worsen$4 or improv$4 or trend$4 or threshold) with (volume or "EDV"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:48
S105	194	S100 and ((compar$4 or track$4 or progress$4 or regress$4 or worsen$4 or improv$4 or trend$4 or threshold) with (volume or "EDV" or "LVEDV"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:48
S106	183	S100 and ((compar$4 or track$4 or progress$4 or regress$4 or worsen$4 or improv$4 or trend$4 or threshold) with (diastolic or "end-diastolic" or diastole or "EDV" or "LVEDV"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/25 17:48
S112	33	("3713449" | "4141367" | "4226245" | "4337776" | "4364396" | "4674518" | "4686987" | "4697591" | "4719921" | "4721110" | "4850357" | "4865036" | "4899750" | "4926862" | "5003975" | "5058583").PN. OR ("5174286"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:34
S113	32	S112 and (impedance or volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 18:38
S114	35	reidel.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 18:35
S115	15	S112 and ((diastolic or diastole or ventric$5) with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/07 18:38
S116	2936	(("600"/$.ccls.) or ("607"/$.ccls.)) and "heart failure" and volume	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:16

S11 7	668	S116 and (("heart failure" or "CHF") same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:04
S11 8	455	S117 and (("heart failure" or "CHF") same (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:04
S11 9	703	S116 and (("heart failure" or "CHF" or failure) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:04
S12 0	739	S116 and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:06
S12 1	708	S120 and (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:05
S12 2	510	S120 and (("heart failure" or "CHF" or failure or cardiomyopathy) same (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:06
S12 3	533	("600"/$.ccls.) and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:06
S12 4	99	("128"/$.ccls.) and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:35
S12 5	398	(S123 or S124) and (("heart failure" or "CHF" or failure or cardiomyopathy) same (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:09

S12 6	44	("4008712" | "4197845" | "4793362" | "4803625" | "4895163" | "4911175" | "4947862" | "5086781" | "5203344" | "5282840" | "5335667" | "5372141" | "5396886" | "5415176" | "5427113" | "5449000" | "5482035" | "5529072" | "5579782" | "5584291" | "5611351" | "5615689").PN. OR ("5788643"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:09
S12 8	7	S126 and (("heart failure" or "CHF" or failure or cardiomyopathy) same (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:34
S12 9	1	S126 and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:10
S13 0	2	("20030055461").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/08 12:10
S13 1	5	S126 and (("heart failure" or "CHF" or failure or cardiomyopathy) with (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:48
S13 2	7	S126 and (("heart failure" or "CHF" or failure or cardiomyopathy) with (severe or severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:49
S13 3	1941	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (("heart failure" or "CHF" or failure or cardiomyopathy) with (severe or severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:34
S13 4	1941	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (("heart failure" or "CHF" or failure or cardiomyopathy) with (severe or severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degree))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 04:35

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S13 5	496	S134 and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF" or "pre-load" or "preload" or "pre load"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:47
S13 6	496	S134 and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF" or "pre-load" or "preload" or "pre load" or "LVEDV"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:48
S13 7	1059	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and ((increas$5 or decreas$5) with ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF" or "pre-load" or "preload" or "pre load"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:51
S13 8	479	S137 and (("heart failure" or "CHF" or failure or cardiomyopathy) same ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF" or "pre-load" or "preload" or "pre load" or "LVEDV"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:48
S13 9	294	S138 and (("heart failure" or "CHF" or failure or cardiomyopathy) with (severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:48
S14 0	343	S138 and (("heart failure" or "CHF" or failure or cardiomyopathy) same (sever or severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:49
S14 1	371	S138 and (("heart failure" or "CHF" or failure or cardiomyopathy) same (severe or severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:49

S14 2	321	S138 and (("heart failure" or "CHF" or failure or cardiomyopathy) with (severe or severity or progress$5 or regress$5 or worse$5 or track$4 or trend$4 or degrees))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:49
S14 3	371	S141 or S142	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:49
S14 4	58	("3702113" | "4082084" | "4695955" | "4803625" | "4857716" | "5007429" | "5341291" | "5348008" | "5410471" | "5416695" | "5435315" | "5442728"). PN. OR ("6171237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:51
S14 5	4	S144 and ((increas$5 or decreas$5) with ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF" or "pre-load" or "preload" or "pre load"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:51
S14 6	12	S144 and ("end diastolic" or "end systolic" or "end-diastolic" or "end-systolic" or "stroke volume" or "stroke-volume" or "ejection fraction" or "EDV" or "ESV" or "SV" or "EF" or "pre-load" or "preload" or "pre load")	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 12:53
S14 7	234	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (impedance with ("preejection" or ejection or "pre-ejection" or "PEP"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 04:44
S14 8	2	("20030114889").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/02 04:41
S14 9	228	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (passive with (diastole or diastolic or filling))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 04:44
S15 0	228	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (passive with (diastole or diastolic or filling))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:45
S15 1	180	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (late with (diastole or diastolic or filling))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:59

S15 2	70	S151 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:55
S15 3	14	("5913879").URPN.	USPAT	OR	ON	2008/01/02 04:49
S15 4	350	(S150 or S151) and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:57
S15 5	79	S150 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:23
S15 6	225	(S150 or S151) and ((end or diastolic or diastole) with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:59
S15 7	15	(S150 or S151) and ("LVEDP" or "EDP")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:58
S15 8	225	S156 or S157	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:58
S15 9	0	(S150 or S151) and (isovolumetric with impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 04:59
S16 1	23	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (isovolumetric same impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:16

S16 2	57	("3962697" | "4347851" | "4404974" | "4556063" | "4712562" | "4798211" | "4815472" | "4884576" | "4899752" | "5003976" | "5181517" | "5199438" | "5222020" | "5253648" | "5337750" | "5354319" | "5368040" | "5387259" | "5388586" | "5390679" | "5391190" | "5402794" | "5410471" | "5482049" | "5535752" | "5551439").PN. OR ("5758652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:05
S16 3	19	("4873980" | "5360436").PN. OR ("5645575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:09
S16 4	22	("3602706" | "4417306" | "4453551" | "4733667" | "4812976" | "4870578" | "4905708" | "5042497" | "5088491"). PN. OR ("5427112").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:10
S16 5	14	("20010012953" | "20010021864" | "20040015196" | "20040049238" | "4733667" | "5154171" | "5427112" | "5505209" | "5720768" | "5824019" | "6070100" | "6278894" | "6539261" | "6556866").PN. OR ("7146208"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:10
S16 6	6	("4095705" | "4905696" | "5211177" | "5427112" | "5556419" | "5735286"). PN. OR ("7082329").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:11
S16 7	14	("4291699" | "4535774" | "4567883" | "4733667").PN. OR ("4905696"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:12
S16 8	22	("3976052" | "3994284" | "4305400" | "4422458" | "4450527" | "4676253" | "4757824").PN. OR ("4870578"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 05:14
S16 9	119	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (isovolumetric same volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:20
S17 0	3	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (isovolumetric same ("LVEDV" or "EDV"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:16
S17 1	119	S169 or S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:16

S17 2	123	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and "diastolic dysfunction"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:20
S17 3	47	(("600"/$.ccls.) or ("607"/$.ccls.) or (128/R.ccls.)) and (diastolic adj3 failure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:21
S17 4	155	S172 or S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:21
S17 5	89	S174 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:25
S17 6	66	S174 not S175	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 05:25
S17 7	161	("607"/$.ccls.) and impedance and preload	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:33
S17 8	31	("607"/$.ccls.) and impedance and "pre-load"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:36
S17 9	189	S177 or S178	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:33
S18 0	0	("607"/$.ccls.) and (impedance with "pre-load")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:37
S18 1	3	("607"/$.ccls.) and (impedance with "preload")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:36

S18 2	0	("607"/$.ccls.) and (impedance same "pre-load")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:37
S18 3	1	("600"/$.ccls.) and (impedance same "pre-load")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:37
S18 4	29	("600"/$.ccls.) and (impedance same preload)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/02 15:37